



# LiFeBATT X-1P 8Ah 38123 Cell

## Technical Specification - March 2011

### Description:

Nominal Capacity	8000mAh
Charging Voltage	3.65V
Typical Voltage	3.3V $\leq$ 10m $\Omega$
Cut Off Discharge Voltage	2.0V
Charging Mode	CC/CV (Constant Current/ Constant Voltage)
Maximum Discharge Constant	25C (200A)
Maximum Charge Current	4C (32A)
Cycle Life (Minimum)	2000 Cycles, Capacity $\geq$ 6.4Ah

### Operating Temperature:

Charge Temperature Range	0~45 C
Discharge Temperature Range	-20~60 C
Diameter	38 $\pm$ 1mm
Height	123 $\pm$ 1mm
Weight	290g

### Energy Density:

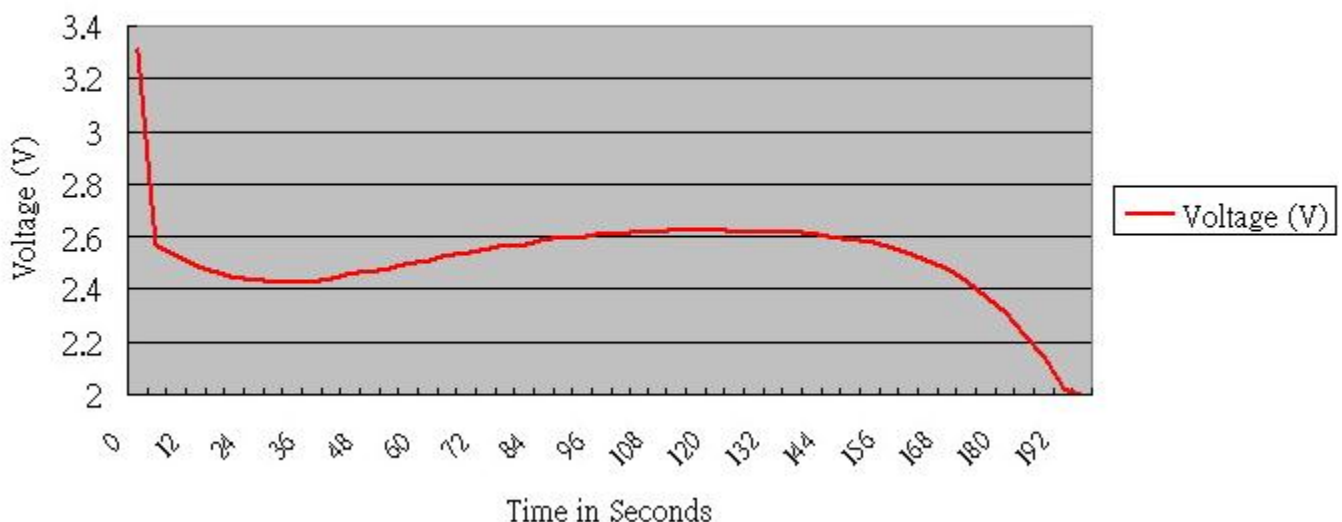
Gravimetric	>80Wh/Kgs
Volumetric	>189Wh/L

### Power Density:

Gravimetric	>2000W/Kg
Volumetric	>4731W/L
Initial Internal Impedance	<2m $\Omega$

### Discharge Curves:

X-1P 8AH 20C - 160A discharge



### Technical Support Information:

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